



## NECROPSY REPORT

GENUS/SPECIES Tursiops truncatus ID NUMBER Ma-82-35-Tt  
DATE/TIME OF DEATH 1/10/84 3:45 p.m. DATE/TIME OF NECROPSY 1/10/84 4:00 p.m.  
SEX Male WEIGHT 130 lbs. LENGTH 187.96 cm

**CLINICAL HISTORY PRIOR TO DEATH** When received from New England Aquarium this animal was stunted in relation to dolphins of his same age. He was weaned with great difficulty. Since weaning and in spite of extensive individual attention, he had never eaten well enough to produce weight gains in keeping with normal animals of his size or age, resulting in an underweight condition. Regular, in-depth examinations did not reveal an underlying physical cause for his unusually slow development. Within the past week his blood picture indicated a systemic infection. Treatment for systemic bacterial infection coupled with an ongoing effort to put weight on this animal were not successful and he died on January 10, 1984.

### GROSS FINDINGS:

**INTEGUMENT:** Normal color and consistency with heavier than normal excoriation

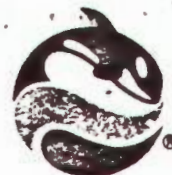
**LUNGS:** Lobular pneumonia with the right lung affected most extensively. Affected tissue showed swollen edges, edema and red coloration.

**HEART:** Serous atrophy of fat 1/8" diameter red vegetation on aortic, semilunar valve's contact surface apparently causing a valvular insufficiency. Both left and right chamber walls thinner than normal.

**LIVER:** Normal color but swollen slightly and more friable than normal upper manipulation.

**STOMACH:** A few small (1/8" to 1/4" in dia.) ulcers extending through the fundic mucosa revealing pink tissue. Ulcers appeared to be healing.

**PANCREAS:** Anterior four inches enlarged to about three inches in thickness. Very firm upon palpation and cross section. The organ was more pale than normal showing an irregular or distorted surface resulting from scarring.



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INTESTINE: Serosal surface slightly hyperemic. Contents were light grey-brown with a thickened (thick paste) consistency.

SPLEEN: Normal

KIDNEY: Normal

ADRENAL: Cortical hypoplasia

UROGENITAL: Testicles normal color and consistency but appeared to be smaller than normal for an animal of this size and age.

NODES: Thoracic nodes of normal coloration but swollen and succulent on cross section.

BRAIN: Normal

THYROID: Normal

PARASITES: None observed

#### DIAGNOSIS

PRIMARY: Pneumonia, Valvular endocarditis

SECONDARY: Possible pancreatic insufficiency

VETERINARIAN Robert O. Stevens. D.V.M.

CURATOR Glenn Young

TECHNICIAN

Gregg Case